



04 October 2022

Scott Gregorio City of Prescott WWTP 1500 Sundog Ranch Road Prescott, AZ 86301

RE: Sundog WW PFAs

Laboratory Work Order No.: 22H2914

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. These results relate only to the items tested. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 08/23/22 08:18.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made. Due to hold-time and method sample volume requirements, microbiological samples are not retained unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

LEGEND TECHNICAL SERVICES OF ARIZONA, INC.

Barbara Frank

Client Services Representative

Barbara (Frank)

(602) 324-6100

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

Project: Sundog WW PFAs

Project Number: 08/22/22 Client Manager: Scott Gregorio

Reported: 10/04/22 16:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Туре	Date Sampled	Date Received
22-0385 (Influent)	22H2914-01	Wastewater	Grab	08/22/22 12:50	08/23/22 08:18
22-0386 (Effluent)	22H2914-02	Wastewater	Grab	08/22/22 12:40	08/23/22 08:18

Sample Condition Upon Receipt:

Temperature: 0.40 C

All samples were received in acceptable condition unless noted otherwise in the case

narrative.

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.

QA/QC Criteria: All analyses met method requirements unless otherwise qualified. Certifications: AZ(PHX)0004, AZ(TUC)OOO4, AIHA#102982, CDC ELITE Member.

Accreditation is applicable only to the test methods specified on each scope of accreditation held by LEGEND.

Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

All samples were analyzed on a "wet" basis unless designated as "dry weight".

This report contains data that were produced by a subcontracted laboratory certified for the

fields of testing performed.

Legend Technical Services, St. Paul AZ0557

Bach Pham 651.221.4062

Project: Sundog WW PFAs

Project Number: 08/22/22 Client Manager: Scott Gregorio

Reported: 10/04/22 16:38

22-0385 (Influent) (22H2914-01) Wastewater (Grab) Sampled: 08/22/22 12:50 Received: 08/23/22 08:18

Analyte	Result	PQL	Units	Dilutio	on Batch	Prepared	Analyzed	Method	Notes
	Legend ⁻	Technical	Service	es, Inc	. #AZ0557	7			
EPA 537 (M)									
6:2 Fluorotelomersulfonate	<5.1	5.1	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
8:2 Fluorotelomersulfonate	<3.0	3.0	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
HFPO-DA (Gen X)	<4.2	4.2	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
N-Ethylperfluorooctanesulfonamido acetic acid	<5.1	5.1	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
N-Methylperfluorooctanesulfonamid oacetic acid	<3.8	3.8	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-butanesulfonate (PFBS)	24	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-decanesulfonate (PFDS)	<3.4	3.4	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-hexanesulfonate (PFHxS)	8.9	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-octanesulfonamide (FOSA-I)	<1.3	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-octanesulfonate (PFOS)	26	3.4	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-butyric Acid (PFBA)	13	1.7	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-decanoic Acid (PFDA)	<2.1	2.1	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-dodecanoic Acid (PFDoA)	<4.2	4.2	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-heptanoic Acid (PFHpA)	10	0.85	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-hexanoic Acid (PFHxA)	27	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-nonanoic Acid (PFNA)	<2.5	2.5	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-octanoic Acid (PFOA)	24	2.1	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-pentanoic Acid (PFPeA)	30	0.85	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-tetradecanoic Acid (PFTeDA)	<1.3	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	

Project: Sundog WW PFAs

Project Number: 08/22/22 Client Manager: Scott Gregorio Reported: 10/04/22 16:38

22-0385 (Influent) (22H2914-01) Wastewater (Grab) Sampled: 08/22/22 12:50 Received: 08/23/22 08:18

Analyte	Result	PQL	Units	Dilutio	n Batch	Prep	ared	Analyzed	Method	Notes
	Legend T	echnical	Servic	es, Inc	. #AZ0557					
EPA 537 (M)	-									
	<3.8	3.8	ng/L	1	B2I1617	09/16/2	2 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-undecanoic Acid (PFUdA)	<1.7	1.7	ng/L	1	B2I1617	09/16/2	2 13:35	09/28/22 18:54	Perfluoroalkyl Substances by LC/MS/MS	
Surrogate: d3-N-MeFOSAA		%	5	0-150	B2l1	1617	09/16/2	2 09/28/	/22 Perfluoroalky I Substances by LC/MS/MS	, S7
Surrogate: d5-N-EtFOSAA	C	0.0157 %	5	0-150	B2l1	1617	09/16/2	2 09/28/		, S7
Surrogate: M2-6:2FTS		173 %	5	0-150	B2l1	1617	09/16/2	2 09/28/	LC/MS/MS /22 Perfluoroalky l Substances by	, S4
Surrogate: M2-8:2FTS		47.9 %	5	0-150	B2I1	1617	09/16/2	2 09/28/	LC/MS/MS /22 Perfluoroalky I Substances by	, S7
Surrogate: M3HFPO-DA		40.5 %	5	0-150	B2I1	1617	09/16/2	2 09/28/	l Substances by	, S7
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA-I)	1	3.26 %	5	0-150	B2I1	1617	09/16/2	2 09/28/	l Substances by	, S7
Surrogate: Perfluoro-n-(13C2)tetradeacnoic Acid (M2PFTeDA)	1.69 %	5	0-150	B2I1	1617	09/16/2	2 09/28/	LC/MS/MS /22 Perfluoroalky I Substances by LC/MS/MS	, S7
Surrogate: Perfluoro-n-[13C2]dodecanoic Acid (MPFDoA)		0.804 %	5	0-150	B2I1	1617	09/16/2	2 09/28/		, S7
Surrogate: Perfluoro-n-[13C4]butonic Acid (MPFBA)		18.2 %	5	0-150	B2I1	1617	09/16/2	2 09/28/		, S7
Surrogate: Perfluoro-n-[13C4]heptanoic Acid (M4PFHpA)		31.5 %	5	0-150	B2I1	1617	09/16/2	2 09/28/		, S7
Surrogate: Perfluoro-n-[13C5]hexanoic Acid (M5PFHxA)		23.0 %	5	0-150	B2I1	1617	09/16/2	2 09/28/		, S7
Surrogate: Perfluoro-n-[13C5]pentanoic Acid (M5PFPeA)		34.5 %	5	0-150	B2l1	1617	09/16/2	2 09/28/		, S7
Surrogate: Perfluoro-n-[13C6]decanoic Acid (M6PFDA)		15.2 %	5	0-150	B2I1	1617	09/16/2	2 09/28/		, S7

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22-0385 (Influent) (22H2914-01) Wastewater (Grab) Sampled: 08/22/22 12:50 Received: 08/23/22 08:18

Analyte	Result	PQL	Units	Dilution Bato	h Prep	pared A	Analyzed	Method	Notes
	Legend	Technical	Services	s, Inc. #AZ(0557				
EPA 537 (M)									
Surrogate: Perfluoro-n-[13C7]undecanoic Acid (M7PFU	ldA)	2.90 %	50-	150	B2I1617	09/16/22	09/28/22	Perfluoroalky l Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C8]octanoic Acid (M8PFOA)		35.6 %	50-	150	B2I1617	09/16/22	09/28/22	Perfluoroalky l Substances by LC/MS/MS	S7
Surrogate: Perfluoro-n-[13C9]nonanoic Acid (M9PFNA)		13.1 %	50-	150	B2I1617	09/16/22	09/28/22	Perfluoroalky l Substances by LC/MS/MS	S7
Surrogate: Sodium perfluoro-1-[13C3]butandesulfonate	(M3PFE	42.5 %	50-	150	B2I1617	09/16/22	09/28/22	Perfluoroalky l Substances by LC/MS/MS	S7
Surrogate: Sodium perfluoro-1-[13C3]hexanesulfonate	(M3PFH;	66.6 %	50-	150	B2I1617	09/16/22	09/28/22	Perfluoroalky l Substances by LC/MS/MS	
Surrogate: Sodium perfluoro-1-[13C8]octanesulfonate (M8PFOS	31.7 %	50-	150	B2I1617	09/16/22	09/28/22	Perfluoroalky l Substances by LC/MS/MS	S7

22-0386 (Effluent) (22H2914-02) Wastewater (Grab) Sampled: 08/22/22 12:40 Received: 08/23/22 08:18

Analyte	Result	PQL	Units	Dilutio	on Batch	Prepared	Analyzed	Method	Notes
	Legend 7	Technica	Service	es, Inc	. #AZ0557	7		_	
EPA 537 (M)									
6:2 Fluorotelomersulfonate	<5.2	5.2	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 19:24	Perfluoroalkyl Substances by LC/MS/MS	
8:2 Fluorotelomersulfonate	<3.0	3.0	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 19:24	Perfluoroalkyl Substances by LC/MS/MS	
HFPO-DA (Gen X)	<4.3	4.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 19:24	Perfluoroalkyl Substances by LC/MS/MS	
N-Ethylperfluorooctanesulfonamido acetic acid	<5.2	5.2	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 19:24	Perfluoroalkyl Substances by LC/MS/MS	
N-Methylperfluorooctanesulfonamid oacetic acid	<3.9	3.9	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 19:24	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-butanesulfonate (PFBS)	31	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 19:24	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-decanesulfonate (PFDS)	<3.4	3.4	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 19:24	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-hexanesulfonate (PFHxS)	13	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 19:24	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-1-octanesulfonamide (FOSA-I)	<1.3	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/22 19:24	Perfluoroalkyl Substances by LC/MS/MS	

Legend Technical Services of Arizona, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Work Order No.:

Project: Sundog WW PFAs

Project Number: 08/22/22 Client Manager: Scott Gregorio Reported: 10/04/22 16:38

22-0386 (Effluent) (22H2914-02) Wastewater (Grab) Sampled: 08/22/22 12:40 Received: 08/23/22 08:18

Analyte	Result	PQL	Units	Dilutio	n Batch	Prepared	Anal	yzed	Method	Notes
	Legend	Technical	Servic	es, Inc	. #AZ0557	7				
EPA 537 (M)										
Perfluoro-1-octanesulfonate (PFOS)	30	3.4	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-butyric Acid (PFBA)	16	1.7	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-decanoic Acid (PFDA)	<2.2	2.2	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-dodecanoic Acid PFDoA)	<4.3	4.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
erfluoro-n-heptanoic Acid (PFHpA)	14	0.86	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
erfluoro-n-hexanoic Acid (PFHxA)	46	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
erfluoro-n-nonanoic Acid (PFNA)	<2.6	2.6	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
erfluoro-n-octanoic Acid (PFOA)	39	2.2	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
erfluoro-n-pentanoic Acid (PFPeA)	52	0.86	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
Perfluoro-n-tetradecanoic Acid PFTeDA)	<1.3	1.3	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	22 19:24	Perfluoroalkyl Substances by LC/MS/MS	
erfluoro-n-tridecanoic Acid PFTrDA)	<3.9	3.9	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by LC/MS/MS	
erfluoro-n-undecanoic Acid PFUdA)	<1.7	1.7	ng/L	1	B2I1617	09/16/22 13:35	09/28/2	2 19:24	Perfluoroalkyl Substances by	
urrogate: d3-N-MeFOSAA		46.7 %	5	0-150	B2I	1617 09/1	16/22	09/28/	LC/MS/MS /22 Perfluoroalky I Substances by	v S7
urrogate: d5-N-EtFOSAA		88.6 %	5	0-150	B2I	1617 09/	16/22	09/28/	LC/MS/MS /22 Perfluoroalky I Substances by	
									LC/MS/MS	
urrogate: M2-6:2FTS		173 %	5	0-150	B2I	1617 09/1	16/22	09/28/	/22 Perfluoroalky l Substances by	v S4
urrogate: M2-8:2FTS		231 %	5	0-150	B2I	1617 09/1	16/22	09/28/	LC/MS/MS	v S4
									by LC/MS/MS	
urrogate: M3HFPO-DA		64.7 %	5	0-150	B2I	1617 09/1	16/22	09/28/	/22 Perfluoroalky l Substances by	V
									LC/MS/MS	

Project: Sundog WW PFAs

Project Number: 08/22/22

Reported: Client Manager: Scott Gregorio 10/04/22 16:38

22-0386 (Effluent) (22H2914-02) Wastewater (Grab) Sampled: 08/22/22 12:40 Received: 08/23/22 08:18

Analyte	Result PQL	Units Dilut	tion Batch	Prepare	d A	Analyzed	Method	Notes
	Legend Technica	al Services, In	c. #AZ0557	7				
EPA 537 (M)								
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA-	l) 61.7 %	50-150	B2i	1617 09	0/16/22	09/28/22	Perfluoroalky l Substances by	
Surrogate: Perfluoro-n-(13C2)tetradeacnoic Acid (M2PFTeD	A) 30.0 %	50-150	B2i	1617 09	0/16/22	09/28/22	LC/MS/MS Perfluoroalky I Substances	S 7
Surrogate: Perfluoro-n-[13C2]dodecanoic Acid (MPFDoA)	78.3 %	50-150	B2	1617 09)/16/22	09/28/22	by LC/MS/MS Perfluoroalky l Substances	
Surrogate: Perfluoro-n-[13C4]butonic Acid (MPFBA)	15.5 %	50-150	B2i	1617 09	0/16/22	09/28/22	by LC/MS/MS	S7
							l Substances by LC/MS/MS	
Surrogate: Perfluoro-n-[13C4]heptanoic Acid (M4PFHpA)	38.9 %	50-150	B2i	1617 09)/16/22	09/28/22	l Substances by	S7
Surrogate: Perfluoro-n-[13C5]hexanoic Acid (M5PFHxA)	25.6 %	50-150	B2i	1617 09	0/16/22	09/28/22	l Substances by	S7
Surrogate: Perfluoro-n-[13C5]pentanoic Acid (M5PFPeA)	30.9 %	50-150	B2i	1617 09	0/16/22	09/28/22	l Substances by	S7
Surrogate: Perfluoro-n-[13C6]decanoic Acid (M6PFDA)	81.6 %	50-150	B2i	1617 09	0/16/22	09/28/22	l Substances by	
Surrogate: Perfluoro-n-[13C7]undecanoic Acid (M7PFUdA)	74.9 %	50-150	B2i	1617 09	0/16/22	09/28/22	l Substances by	
Surrogate: Perfluoro-n-[13C8]octanoic Acid (M8PFOA)	56.5 %	50-150	B2i	1617 09	9/16/22	09/28/22	l Substances by	
Surrogate: Perfluoro-n-[13C9]nonanoic Acid (M9PFNA)	58.7 %	50-150	B2i	1617 09	0/16/22	09/28/22	LC/MS/MS Perfluoroalky l Substances by	
Surrogate: Sodium perfluoro-1-[13C3]butandesulfonate (M3F	PFE 50.2 %	50-150	B2i	1617 09	0/16/22	09/28/22	LC/MS/MS Perfluoroalky l Substances by	
Surrogate: Sodium perfluoro-1-[13C3]hexanesulfonate (M3P	PFH: 78.7 %	50-150	B2i	1617 09	0/16/22	09/28/22	LC/MS/MS Perfluoroalky l Substances	
Surrogate: Sodium perfluoro-1-[13C8]octanesulfonate (M8PI	FOS 81.7 %	50-150	B2i	1617 09)/16/22	09/28/22	by LC/MS/MS Perfluoroalky I Substances by LC/MS/MS	

Project: Sundog WW PFAs

Project Number: 08/22/22 Client Manager: Scott Gregorio Reported: 10/04/22 16:38

EPA 537 (M) - Quality Control Legend Technical Services, Inc.

		Reporting		Spike	Source		%REC		RPD		l
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	ı

Ratch	B2I1617	- General	Pron	Dent 4
Daicii	D211011	- General	LICN	Dent 4

Blank (B2l1617-BLK1)				Prepared: 09/16/22 Analyzed: 09/28/22
6:2 Fluorotelomersulfonate	<6.0	6.0	ng/L	-
8:2 Fluorotelomersulfonate	<3.5	3.5	ng/L	-
HFPO-DA (Gen X)	<5.0	5.0	ng/L	-
N-Ethylperfluorooctanesulfonamidoaceti c acid	<6.0	6.0	ng/L	-
N-Methylperfluorooctanesulfonamidoace tic acid	<4.5	4.5	ng/L	-
Perfluoro-1-butanesulfonate (PFBS)	<1.5	1.5	ng/L	-
Perfluoro-1-decanesulfonate (PFDS)	<4.0	4.0	ng/L	-
Perfluoro-1-hexanesulfonate (PFHxS)	<1.5	1.5	ng/L	-
Perfluoro-1-octanesulfonamide (FOSA-I)	<1.5	1.5	ng/L	-
Perfluoro-1-octanesulfonate (PFOS)	<4.0	4.0	ng/L	-
Perfluoro-n-butyric Acid (PFBA)	<2.0	2.0	ng/L	-
Perfluoro-n-decanoic Acid (PFDA)	<2.5	2.5	ng/L	-
Perfluoro-n-dodecanoic Acid (PFDoA)	<5.0	5.0	ng/L	-
Perfluoro-n-heptanoic Acid (PFHpA)	<1.0	1.0	ng/L	-
Perfluoro-n-hexanoic Acid (PFHxA)	<1.5	1.5	ng/L	-
Perfluoro-n-nonanoic Acid (PFNA)	<3.0	3.0	ng/L	-
Perfluoro-n-octanoic Acid (PFOA)	<2.5	2.5	ng/L	-
Perfluoro-n-pentanoic Acid (PFPeA)	<1.0	1.0	ng/L	-
Perfluoro-n-tetradecanoic Acid (PFTeDA)	<1.5	1.5	ng/L	-
Perfluoro-n-tridecanoic Acid (PFTrDA)	<4.5	4.5	ng/L	-
Perfluoro-n-undecanoic Acid (PFUdA)	<2.0	2.0	ng/L	-

Project: Sundog WW PFAs

Project Number: 08/22/22 Client Manager: Scott Gregorio

Reported: 10/04/22 16:38

EPA 537 (M) - Quality Control Legend Technical Services, Inc.

		Reporting		Spike	Source		%REC		RPD		l
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	l

LCS (B2I1617-BS1)				Prepared: 09/16/	/22 Analyzed: 09	9/28/22
6:2 Fluorotelomersulfonate	18.6	6.0	ng/L	19.0	97.9	80-120
8:2 Fluorotelomersulfonate	19.9	3.5	ng/L	19.2	104	80-120
HFPO-DA (Gen X)	21.4	5.0	ng/L	20.0	107	80-120
N-Ethylperfluorooctanesulfonamidoaceti c acid	21.9	6.0	ng/L	20.0	109	80-120
N-Methylperfluorooctanesulfonamidoace tic acid	19.3	4.5	ng/L	20.0	96.4	80-120
Perfluoro-1-butanesulfonate (PFBS)	18.2	1.5	ng/L	17.7	103	80-120
Perfluoro-1-decanesulfonate (PFDS)	16.2	4.0	ng/L	19.3	84.1	80-120
Perfluoro-1-hexanesulfonate (PFHxS)	19.9	1.5	ng/L	18.9	105	80-120
Perfluoro-1-octanesulfonamide (FOSA-I)	20.8	1.5	ng/L	20.0	104	80-120
Perfluoro-1-octanesulfonate (PFOS)	20.3	4.0	ng/L	19.1	106	80-120
Perfluoro-n-butyric Acid (PFBA)	20.2	2.0	ng/L	20.0	101	80-120
Perfluoro-n-decanoic Acid (PFDA)	20.9	2.5	ng/L	20.0	104	80-120
Perfluoro-n-dodecanoic Acid (PFDoA)	20.9	5.0	ng/L	20.0	104	80-120
Perfluoro-n-heptanoic Acid (PFHpA)	19.4	1.0	ng/L	20.0	97.2	80-120
Perfluoro-n-hexanoic Acid (PFHxA)	20.3	1.5	ng/L	20.0	102	80-120
Perfluoro-n-nonanoic Acid (PFNA)	21.3	3.0	ng/L	20.0	107	80-120
Perfluoro-n-octanoic Acid (PFOA)	21.0	2.5	ng/L	20.0	105	80-120
Perfluoro-n-pentanoic Acid (PFPeA)	20.0	1.0	ng/L	20.0	99.9	80-120
Perfluoro-n-tetradecanoic Acid (PFTeDA)	20.1	1.5	ng/L	20.0	101	80-120
Perfluoro-n-tridecanoic Acid (PFTrDA)	16.8	4.5	ng/L	20.0	84.1	80-120
Perfluoro-n-undecanoic Acid (PFUdA)	22.8	2.0	ng/L	20.0	114	80-120

Project: Sundog WW PFAs

Project Number: 08/22/22 Client Manager: Scott Gregorio

Reported: 10/04/22 16:38

EPA 537 (M) - Quality Control Legend Technical Services, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
B (B)(404										

LCS Dup (B2I1617-BSD1)	Prepared: 09/16/22 Analyzed: 09/28/22									
6:2 Fluorotelomersulfonate	20.4	6.0	ng/L	19.0	108	80-120	9.31	20		
8:2 Fluorotelomersulfonate	17.9	3.5	ng/L	19.2	93.3	80-120	10.5	20		
HFPO-DA (Gen X)	21.4	5.0	ng/L	20.0	107	80-120	0.0207	20		
N-Ethylperfluorooctanesulfonamidoaceti c acid	20.8	6.0	ng/L	20.0	104	80-120	5.01	20		
N-Methylperfluorooctanesulfonamidoace tic acid	19.4	4.5	ng/L	20.0	96.8	80-120	0.318	20		
Perfluoro-1-butanesulfonate (PFBS)	18.4	1.5	ng/L	17.7	104	80-120	1.26	20		
Perfluoro-1-decanesulfonate (PFDS)	17.8	4.0	ng/L	19.3	92.5	80-120	9.53	20		
Perfluoro-1-hexanesulfonate (PFHxS)	21.7	1.5	ng/L	18.9	115	80-120	8.40	20		
Perfluoro-1-octanesulfonamide (FOSA-I)	21.9	1.5	ng/L	20.0	110	80-120	5.09	20		
Perfluoro-1-octanesulfonate (PFOS)	20.1	4.0	ng/L	19.1	105	80-120	1.03	20		
Perfluoro-n-butyric Acid (PFBA)	20.7	2.0	ng/L	20.0	104	80-120	2.44	20		
Perfluoro-n-decanoic Acid (PFDA)	21.3	2.5	ng/L	20.0	106	80-120	1.75	20		
Perfluoro-n-dodecanoic Acid (PFDoA)	22.2	5.0	ng/L	20.0	111	80-120	6.40	20		
Perfluoro-n-heptanoic Acid (PFHpA)	19.7	1.0	ng/L	20.0	98.6	80-120	1.40	20		
Perfluoro-n-hexanoic Acid (PFHxA)	20.4	1.5	ng/L	20.0	102	80-120	0.362	20		
Perfluoro-n-nonanoic Acid (PFNA)	21.5	3.0	ng/L	20.0	108	80-120	1.01	20		
Perfluoro-n-octanoic Acid (PFOA)	20.2	2.5	ng/L	20.0	101	80-120	3.88	20		
Perfluoro-n-pentanoic Acid (PFPeA)	20.3	1.0	ng/L	20.0	101	80-120	1.53	20		
Perfluoro-n-tetradecanoic Acid (PFTeDA)	21.5	1.5	ng/L	20.0	107	80-120	6.59	20		
Perfluoro-n-tridecanoic Acid (PFTrDA)	17.5	4.5	ng/L	20.0	87.6	80-120	4.09	20		
Perfluoro-n-undecanoic Acid (PFUdA)	20.6	2.0	ng/L	20.0	103	80-120	10.3	20		

Project: Sundog WW PFAs

Project Number: 08/22/22 Client Manager: Scott Gregorio Reported: 10/04/22 16:38

Notes and Definitions

S7 Surrogate recovery was below both laboratory and method limits. Unable to confirm matrix effect.

S4 Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.

BLK Method Blank

LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate

MS/Dup Matrix Spike/Duplicate

Dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

22H2914





17631 N. 25th Avenue • Phoenix, AZ 85023 • (602) 324-6100 • Fax (602) 324-6101
4585 S. Palo Verde Rd, Ste 423 • Tucson, AZ 85714 • (520) 327-1234 • Fax (520) 327-0518

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Page	1	341	2.13.16

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Client Name		Address		City						State									\top	Fax Number or Email Address					
City of Prescott - Sundog WWTP		1500	Sundog Ranch Rd	Prescott						ΑZ						7	scott gregorio@prescott-az.gov								
Project Name		Project N		1	ontac							P.O. No.				Fax Results					QC Report EDD				
Sundog WWTP Influent/Effluent P	FAS		-00	S	cot	t J G	reg	gorio							Email Results					Special Detection Limit			ion Limits		
SAMPLE TYPE CODES			TURN AROUND TIME											F	REQI	UES	TEC) AN	ALY	SES					
Water SW=Surface S=Soil/Soild (T=Travel Blank) F=Food G=Studge/Biosolids						ed	Ð	tainers	(Lab Use Only!)		Med for WW				/	//	/	//	/	//	//	/	//	$^{\prime}//$	/
Water G=Groundwater Client's O=Other Sample Identification	Date	Other	Sample Location	Composite	Grab	Sample Type	Compliance	No. of Containers	pH / (La	537 modis				_/		//	/	/	/	//	/_	//	//		
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Comments / Special instructions.			(55555.11.009	_	_		-		_	100				-	11-11-					_	_	_			┪
SAMPLE CONDITION UPON RECEIPT (Lab Use)		RELINQUIS	HED	BY			- 11		0.1	100		The second		S	MA	PLE	SRI	ECE	IVED	BY	TO.		1	
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Preserved	(N)	3	Signature)						Date			Signatu	re									Da	ite		
WHITE-LAB YELLOW-CLIENT			Printed Name		_		_		Γlme			Printed	Name		_	_				_	Time				

22-0385 SEAL#911602 22-0386 SEAL#911603

Legend Technical Services of Arizona, Inc.



PM: Barbara Frank

PO Number: 22H2914

SENDING LABORATORY:

Legend Technical Services of Arizona, Inc. 17631 North 25th Avenue Phoenix, AZ 85023

Phone: 602-324-6100 Fax: 602-324-6101

Project Manager: Barbara Frank Project: Sundag W/W/ PEAs

_____RY:

Legend Technical Services, St. Paul AZ0557 88 Empire Drive Saint Paul, MN 55103

Phone: (800) 826-8553 Fax: (651) 642-1239

Client:	City of Prescott WWT	P			
Analysis	Due	Expires	Leach Date & Time	Sample Comments	
Sample ID: 22H	12914-01 Wastewater Samp	oled:08/22/22 12:50			
	or WW (Subc09/01/22 15:00	09/05/22 12:50			
Containers Sup 03_500mL Plastic					
03_500mL Plastic	C00110 4 C (A)				
Special Instru	ctions/Comments:				
opoolal illoti a					
	* * * * * * * * * * * * * * * * * * *				
Sample ID: 22H	12914-02 Wastewater Samı	oled:08/22/22 12:40			
537- Modified fo	or WW (Subc09/01/22 15:00	09/05/22 12:40			
Containers Sup					
03_500mL Plastic	Cool to 4° C (A)				
0					
Speciai instru	ictions/Comments:				

* The sample matrix for leachates s	upplied to the	MN laborator	y reflects the matrix of the original sa	ample received by LE	GENU AZ.	
**For matrices other than Drinking \	Nater requirin	g drinking wat	er methods (such as EPA 505, etc.),	a 10x dilution is acce	eptable. Appropri	at
data qualifiers are to be used.						
Courtney Keen	8.23.22	1630	FedEx	8123.72	1630	
Released By (Print & Sign)	Date	Time	Received By (Print & Sign)	Date	Time	
FedEx						
Released By (Print & Sign)	Date	Time	Received By (Print & Sign)	Date	Time	-